

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

122903  
13142 US PTO

Applicant: Sanjeev Kaushal, Kenji Sugishima, Pradeep Pandey

Atty. Docket: CT / 002

Title: METHODS FOR ADAPTIVE REAL TIME CONTROL OF A THERMAL PROCESSING SYSTEM

22264 U.S.PTO  
10/47842

122903

**CERTIFICATE OF MAILING BY EXPRESS MAIL - 37 CFR 1.10**

'Express Mail' mailing label number: EV354969520US  
Date of Deposit: December 29, 2003

I certify that this paper or fee (along with the enclosures noted herein) is being deposited with the United States Postal Service 'Express Mail Post Office to Addressee' service under 37 CFR 1.10 on the above date and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Kenneth Eads

By: Kenneth Eads (person mailing paper)

**UTILITY PATENT APPLICATION TRANSMITTAL**

*Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450*

This is a request for filing, under 37 CFR § 1.53(b), a(n):

- Original (non-provisional) application.**
- Divisional of prior application Serial No. \_\_, filed on \_\_.
- Continuation of prior application Serial No. \_\_, filed on \_\_.
- Continuation-in-part of prior application Serial No. \_\_, filed on \_\_.

**PRELIMINARY AMENDMENT/CALCULATION OF FEES**

- Please cancel claims \_\_ without prejudice, and prior to calculating the fees. \_\_ total claim(s), of which \_\_ is(are) independent, is(are) pending after the amendment.
- Please enter the enclosed preliminary amendment identified below prior to calculating the fees. \_\_ total claim(s), of which \_\_ is(are) independent, is(are) pending after the amendment.
- Small Entity Status is Requested

**The Fees are Calculated as Follows:**

Fee:	Number of Claims:	In Excess of:	Extra:	At Rate:	Amount:
Total Claims	23	20	3	\$18	\$54.00
Independent Claims	1	3	0	\$86	\$0.00
MULTIPLE DEPENDENT CLAIM FEE					
BASIC FEE					\$770.00
TOTAL OF ABOVE CALCULATIONS					\$824.00
REDUCTION BY 50% FOR FILING BY SMALL ENTITY					
<b>TOTAL</b>					<b>\$824.00</b>

**ENCLOSURES**

- Utility Patent Application Transmittal Form (in duplicate) containing Certificate of Mailing By Express Mail Under 37 CFR 1.10.
- Return Postcard.

**APPLICATION PAPERS**

- Utility Patent Application, with: cover sheet, 38 page(s) specification (including 23 total claim(s), of which 1 is(are) independent, and 1 page(s) abstract).
- Drawings: 15 sheet(s) of formal drawings (22 total figure(s)).
- Microfiche Computer Program (Appendix).
- Nucleotide and/or Amino Acid Sequence, including (all are necessary): Computer Readable Copy, Paper Copy (identical to computer copy), and Statement verifying identity of copies.
- An Unsigned Declaration, Power of Attorney and Petition Form.
- Copy of Executed Declaration, Power of Attorney and Petition Form from prior application identified above.
- Certified Copy of priority document(s) identified as attached above.

**ADDITIONAL PAPERS**

- Assignment to \_\_, Recordation Cover Sheet (Form PTO-1595)
- Nonpublication Request under 35 U.S.C. 122(b)(2)(B)(i)
- Preliminary Amendment (to be entered prior to calculation of fees)
- Information Disclosure Statement, \_\_ sheet(s) Form PTO-1449, \_\_ U.S. Patent Reference(s), \_\_ Foreign Patent Reference(s) and \_\_ Other Reference(s)
- Other: \_\_

**CHECKS**

- A Check of \$824.00 for the filing fee.
- A Check of \_\_ for the assignment recording fee.

**DEPOSIT ACCOUNT AUTHORIZATION**

- Please charge Deposit Account No. 23-3000 in the amount of \_\_\_\_.
- The Commissioner is authorized to charge any fees under 37 CFR 1.16 and 1.17 which may be required during the entire pendency of the application, or credit any overpayment, to Deposit Account No. 23-3000. A duplicate of this transmittal is attached.
- THE PAYMENT OF FEES IS BEING DEFERRED.

---

Respectfully Submitted,

WOOD, HERRON & EVANS, L.L.P.  
2700 Carew Tower  
441 Vine St.  
Cincinnati, Ohio 45202  
(513) 241-2324

WRA/sad

William R Allen  
William R. Allen, Ph.D.  
Reg. No. 48,389